

Cristian D. Mejia

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SUMMARY

Pursuing a higher education to expand my knowledge and horizons in order to be competitive in my field and to gain experience through internships and research.

EDUCATION

University Of Central Florida

B.S. in Mechanical Engineering- In Progress

Overall GPA: 3.77

Expected Completion: 2017

EXPERIENCE

UCF Mechanics of Materials Research Group

- Working under Dr. Ali Gordon
- Cutting samples of materials for polishing and analyzing.
- Research on hypersonic flight; specifically, fatigue failure of aero-structures.
- We develop tools to predict the lives of materials used on the planned vehicle.

Mars Rover/Naval Orange Race

- Mars Rover Project: In a group of 4, we developed the cheapest way to move a payload of weights across the longest distance as possible without using any motorized or chemical power.
- Naval Orange Race: Cooperated with other 4 students to create a boat to carry an orange across a body of water. It involved critical thinking and brainstorming to find the best solution.

Pulte Group Summer 2015 Internship

- Multi-brand homebuilding Fortune 500 Company.
- Performed Field Manager duties such as following and inspecting homes.
- Cooperated with the resource planning team to ensure timely home completion.
- Learned many communication, safety, planning, and customer focus skills.

SKILLS

- Experience with MatLAB, Solidworks, Ansys, AutoCAD, and Microsoft Office.
- Fluent in English and Spanish

AFFILIATIONS

- Member of EXCEL (STEM) Program: 2013- Present
- American Society of Mechanical Engineers (ASME) member since 2013

AWARDS

- President's Honor Roll Certificate (Full-Time Award) at UCF in Fall Semester 2013 and 2014
- Dean's List Honor Roll Certificate at UCF in Spring Semester 2014
- Bright Futures Medallion Scholars (FMS)
- Quest College Prep Scholarship (Amount: \$13,700)
- Elizabeth S. Lampp Trust and Estate Endowed Scholarship for 2014-2015 academic year.
- Society of American Military Engineers Scholarship recipient for 2015-2016 academic year.